1957 Subject Index

of articles appearing in

Volume 121
Nos. 1 - 12

HERE IS your subject index of articles for 1957. It provides a convenient means of reference to information appearing in TEXTILE INDUSTRIES during the past twelve months. It also indicates the tremendous amount of worthwhile material published, much of which is of enduring value.

The index will be most helpful to readers who preserve their copies of TEXTILE INDUSTRIES as they are received, either in files or bound volumes. It will enable them to quickly locate articles in which they are interested; articles on a specific subject may be found by referring to the appropriate division heading (Mill Management; Cotton Carding, Spinning, Weaving; Knitting; Wool; Synthetics; etc.).

At the end of the listings under the New Equipment headings, reference is made to the Mid-November issue of TEXTILE INDUSTRIES. This is TI's Annual Product Parade & Buyer's Guide, which is issued in mid-November of each year. It is a handy reference which should be useful throughout the year, combining in one convenient volume these three features: (1) a review of new items made commercially available during the preceding twelve months, (2) free literature available from suppliers, and (3) a departmentalized buyer's guide.

For those who do not preserve their copies of the magazine, the index will still be useful, since files of TEXTILE INDUSTRIES are available in the majority of public libraries in the textile manufacturing areas.

For the information of those desiring photographic reproductions of articles listed here, these are available from the following: U. S. Department of Agriculture Library, Washington 25, D. C.; American Chemical Society, 1155 Sixteenth St., N.W., Washington 6, D. C.; Photographic Service Div., New York Public Library, 5th Ave. and 42nd St., New York 18, N. Y.; and Georgia Institute of Technology Library, Atlanta, Ga.

Microfilm copies of complete volumes from No. 114 (1950) may be purchased for a reasonable price from University Microfilms, Ann Arbor, Mich.

TEXTILE INDUSTRIES is published monthly, with an extra issue in November. It is edited for the textile production and management executive. Subscription rates: $2.00 per year, $3.00 for two years, in the United States; in Canada, South America, and Central America, $2.00 per year; other countries, $5.00 per year. It is published by W. R. C. Smith Publishing Co., Dalton and Atlanta, Ga.; editorial and executive offices, 806 Peachtree St., N.E., Atlanta 8, Ga.

Mill Management

$1 Minimum Speeded Race for Survival of Fittest, by Carl R. Harris ..... Jan. 71
The Sales Outlook for Textiles in 1957, by Allyn McIntire ..... Jan. 75
"The Dirtiest Package in the World" ..... Jan. 80
How Mills Benefit from a Good Quality Control Program ..... Jan. 89
Survey Reveals Very Active Market for Used Carpet ..... Jan. 114
Procedure for Handling Equipment Repairs (Ala. Meet) ..... Jan. 124
"Politics Has Become a Year-Round Job . . ." ..... Jan. 133
Pile Fabric Manufacturers Must Catch Up, by G. E. Herrnstadt ..... Feb. 93
Why Ginghams Need Tariff Protection, by J. Craig Smith ..... Feb. 95
Sell Textiles on TV! ..... Feb. 99
More Comments on Using TV to Sell Textiles ..... Mar. 83
Purchasing (Special Section) ..... Feb. 103
Purchasing for Dan River Mills ..... Feb. 104
Purchasing for a Small Mill ..... Feb. 115
Chinese Wall or Iron Curtain? by Cabot L. Saltonced ..... Feb. 116
"It's Service—Not Personality—That Counts" ..... Feb. 118
The Salesman's Reception at the Mill ..... Mar. 137
Profit from Utilizing Vendors' Services, by N. C. Stiles ..... Apr. 85
Man-Made Fiber Output Down in '56 ..... Apr. 125
Are You a Good House(mill)keeper? by J. Lamar Moore ..... Feb. 133
"Gins Cause Much of Our Trouble," by J. L. Delany ..... Feb. 136
Cotton Merchandising Changes to Conform with Modern Mill Requirements (TRI Meet) ..... May 149
Effects of Modern Cotton Harvesting and Ginning Methods (TQCA Meet) ..... June 171
How to Ruin Cotton ..... Nov. 89
Controlling and Reworking Cotton Waste, by Marcus Gross ..... Feb. 155
Ten Years of Cotton Textiles—1946-1956 ..... Feb. 161
ACMI Says Jap Program Deserves Firm Trial ..... Mar. 81
Compare Your Reading Habits with Those of the Typical Executive ..... Mar. 99
Craftspun Cut Yarn Costs 6 Cents Per Lb, by C. H. Swan, Jr. ..... Mar. 120
Look for 4.86 Billion Pounds of Greasy Wool this Year ..... Mar. 105
Sharp Improvement in Wool's Status Recorded in 1956 ..... Mar. 131
"Rebirth of Optimism," by W. J. Erwin ..... Apr. 79
Selling—Our Big Remaining Problem, by J. Craig Smith ..... Apr. 83
"So He Killed the Goose that Laid the Golden Egg . . ." ..... Apr. 87
Minimize Yarn Size Variation ..... Apr. 110
Textiles Behind the Iron Curtain, by P. Abbenheim ..... Apr. 112
Use Your Lab! ..... Apr. 119
Clemson College Scene of TEAM Day, 1957 ..... Apr. 121
Survey Indicates Wool Fiber a Favorite of American Women ..... Apr. 133
Warns of Attack on "Right-To-Work" Laws ..... Apr. 133

Tax and Tax—Spend and Spend, by Ringgold Arden ..... Apr. 135
Rhode Island School to Broaden Design Course ..... Apr. 145
Carpets From T.N.D. (Tycora, Nylon, Dynel) ..... Apr. 145
Knitting Show Preview ..... Apr. 159
Can You Run a Lemonade Stand? ..... May 97
More Firms Using Management Consultants,
AIM Survey Reveals ..... May 108
Cotton Men Approve Synthetics Merger (ACMI Meet) ..... May 109
Mill Men Found ACMI's Tax Seminar Most Helpful ..... May 142
Why the Seasonal Pattern in Cotton Futures Prices? ..... May 143
U. S. Mills Used Less Textile Fiber Last Year ..... May 144
"We Don't Want OTC," by L. G. Hardman, Jr. ..... June 71
Tufted Textiles (Special Section) ..... June 81
The Outlook for Textiles, by Basil D. Brouder (STA Meet) ..... June 145
Electronic Computer Installed at Springs Cotton Mills ..... June 149
Hails Shortening of Credit in Sales of
Synthetic Fabrics ..... June 172
A Japanese Mill Man Looks at Us ..... June 181
Smith Bill Free Ride for Fiber Interests,
by R. J. Bachenheimer ..... July 57
Sales and Profits of Manufacturing Corporations
by Industry Groups ..... July 79
Textile Problems North of the Border,
by Gerald L. Bruck ..... July 63
Gored Oxen ..... July 65
Government in the Cotton Business ..... July 67
A New Look at our Economic System ..... July 100
New Plan Would Link Tariff to Foreign Wages ..... July 116
Looms in Place in Broad Woven Fabric Mills,
December 31, 1956 and 1955 ..... Aug. 67
Cotton Policy Injurious to the Industry ..... Aug. 69
King Cotton—King Sized Problem ..... Aug. 73
Textile Failures—What Caused Them and How They
Could Have Been Prevented, by James J. Etro ..... Aug. 91
Survey Reveals Trend in Fabrics and
Fibers for Passenger Cars ..... Aug. 97
Can Textile Markets be Expanded?
(Textile Market Research Conference) ..... Aug. 101
Lubrication is Management's Business, by L. E. Endsley, Jr.
Part 1 ..... Aug. 106
Part 2 ..... Sept. 170
2 Year Textile Course Offered by Georgia School ..... Aug. 123
Tax and Tax—Waste and Waste, by Ringgold Arden ..... Aug. 124
Textile School Graduates, 1957 ..... Aug. 131
Don't Turn Down Promotion for Fear of Heart Attack ..... Aug. 161
"Pound Foolish" ..... Sept. 103
Man Made Fibers (Special Section) ..... Sept. 113
Let Mills Depreciate Capital Equipment
in 15 Years, ACMI Urges ..... Sept. 169
Must Import More Apparel Wool for Adequate
Stock Level, Bureau Says ..... Oct. 96
World Textile Trade Conference Results
Viewed with Optimism ..... Oct. 108
Keep Quality Up (Incentive System at Avondale) ..... Oct. 109
"How Profit Sharing Fits Your Business"
Theme of Conference ..... Oct. 114
Diversify! (How Yale Woolen Mills Did It),
by Robert E. Andreae ..... Oct. 119
The Heavy Hand of "Uncle Snoopy,"
by Ringgold Arden ..... Oct. 147
Manager Insurance ..... Oct. 181
"Continued Expansion and Prosperity," by R. H. Rich ..... Nov. 81
What About Textile Imports from Hong Kong? ..... Nov. 91
Maintenance in Wet Processing Plants (Special Section) ..... Nov. 95
Determine Cost and Sell Only at Profit,
Carded Yarn Mills Advised ..... Nov. 113
ATMA Study Reveals High Cost of Obsolescence to Mills ..... Nov. 120
1957 Per Capita Fiber Consumption Off 1.3 Pounds ..... Nov. 135
Annual Product Parade and Buyer's Guide Issue ..... Mid-Nov.
Personnel Background Investigation Service ..... Mid Nov. 234
4 Place Plans for Management Personnel ..... Mid-Nov. 234
Sales Aid—Tailor Made Binders for
Textile Samples ..... Mid-Nov. 234
Working Capital for Textile Manufacturers ..... Mid-Nov. 235
Buy Capital Equipment on Instalment Plan ..... Mid-Nov. 236
"Non-Notification" Plan for Purchasing
Accounts Receivable ..... Mid-Nov. 236
Fast, Less-than-Carload Service to Western States ..... Mid-Nov. 283
Comments on the Venice Conference, by J. Craig Smith ..... Dec. 63
Cotton Used Exceeded Output in 1957 Season ..... Dec. 103
Six Point Cotton Program Proposed by N. C. Group ..... Dec. 104
Large Packages Discussed by TQCA at Charlotte ..... Dec. 113
Reasons for Stock Weights Selected (Ala. Meet) ..... Dec. 114
The Mirage of Tax Reduction, by Ringgold Arden ..... Dec. 117
Progress Under the American Patent System ..... Dec. 193

Public Relations

Be Sure Your Company Is Considered a Community Asset,
by Claude A. Crocker ..... Jan. 90
Survey of Job Opportunities in Textiles Approved ..... Jan. 113
Grier Outlines Textile Opportunities for
South Carolinians ..... Feb. 89
Fitchburg Yarn Celebrates 50th Anniversary ..... Feb. 167
They're from Missouri! (Abney-Erwin P.R. Program),
By Chauncey Lever ..... Apr. 93
"We Have a Glamorous Industry—Let's Brag About It!"
by R. C. Moyer ..... June 67
Textile Leaders to Glamorize Industry ..... June 184
Dan River's 75th Anniversary ..... Sept. 178
Here's a Good Public Relations Idea ..... Oct. 89
Born Weaving Duck—Summerville's 50th Year ..... Dec. 107
How To Improve Your Public Relations ..... Dec. 193

Industrial Relations

Do You Know Reserve Forces Act Provisions,
Mr. Executive? ..... Jan. 86
Move to Provide More and Better Textile
School Graduates ..... Jan. 126
The Union Drive on the South, by Thurman Sensing ..... Jan. 128
More Interest in Shorter Hours of Work ..... Feb. 132
Try This Incentive System in Carding and Spinning ..... Feb. 181
Resigned or Fired? ..... Mar. 83
Foreman Is Key to Greater Operator Output, NAM Says ..... Mar. 92
A Needed Investigation, by Ringgold Arden ..... Mar. 127
How Well Off Is the American Textile Worker? ..... Apr. 113
A Job Is a Partnership at Avondale ..... May 116
Knowledge Withheld Is Knowledge Wasted ..... May 178C
The Secondhand—Keystone of Mill Supervision ..... June 77
More on the Secondhand ..... Oct. 83
Textile Unions Seek Legislation As Organization Aid ..... June 142
The Augean Stables of the Teamsters, by Ringgold Arden ..... June 163
Results of Survey of Industrial Relations Executives ..... June 177
New England Mills Get Young People But Don't
Keep Them, Study Shows ..... July 98
$1,687,640 for a New Spooler, by J. Craig Smith ..... Sept. 97
Kendall Builds Managers, by S. D. Chamberlain ..... Oct. 97
When is a Supervisor's Training Program Needed!
(Southern Industrial Relations Conference) ..... Oct. 145
Morale Booster—Major Medical Expense Insurance ..... Mid-Nov. 234
Insurance Plans for Holding Key Men ..... Mid-Nov. 235

Safety

What Are You Doing About Accidents?
(S. C. Safety Meet) ..... Jan. 125
"How We Organized for Action Against Accidents,"
by W. F. Garth ..... May 113
Industry's 1956 Accident Frequency and
Severity Rates up Over 1955 ..... Sept. 151
Use the New Textile Safety Code to Reduce Accidents ..... Oct. 129
Safety Isn't Always Safe ..... Dec. 71

Mill Poster Series

No. 1—Tip for Spinners on Creeling In Roving ..... July 103
No. 2—Reminder for Loom Fixers to
Keep Tools Off Cloth on Loom ..... July 106
No. 3—Pry (Don't Hammer) Travelers Off
Spinning Rings ..... Aug. 111
No. 4—Reminder to Loom Fixers to Wash Hands
Before Handling Filling ..... Aug. 114
No. 5—Reminder for Card Tenders on Piecing Laps ..... Sept. 163
No. 6—Reminder for Drawing Frame Tenders on
Removing Chokes from Trumpets ..... Sept. 166
No. 7—Reminder to Card Fixers—File Off Burr on Doffer
Comb Before It Breaks Web ..... Oct. 125
No. 8—Reminder to Weavers and Loom Fixers—Check
Filling Forks Regularly ..... Oct. 128
No. 9—Shows Drawing Frame Tenders How to
Get Laps Off Rolls ..... Nov. 142A
No. 10—Shows Wet Processing Plant and Cloth Room
Personnel How to Sew Seams to Avoid
Trouble in Finishing ..... Nov. 142B
No. 11—Reminder to Card Tenders to Stop Cards
with Snowballs in Web ..... Dec. 109
No. 12—Reminds Wet Process Plant Personnel to Sew Up
Tears in Fabric to Prevent Doubled Edges ..... Dec. 112

General Engineering

Use Safe Materials for Floor Conditioning ..... Feb. 157
Water Level Indicator ..... Feb. 177
"Musts" for a Successful Maintenance Program (Plant Maintenance & Engineering Show) ..... Mar. 139
Graphited Bushings Wear Longer ..... Apr. 151
Gadget to Keep Bolts from Turning ..... June 207
Spring Makes Handy Paper File ..... June 213
Know Your Fans and Condensers, by Dan McConnell ..... July 78
How Bigelow-Sanford Saved $1100 on Sprinkler Hanging ..... July 99
Now's the Time to Give Your Boilers the Once-Over ..... Aug. 90
Lubrication Is Management's Business, by L. E. Endsley, Jr.
Part 1 ..... Aug. 106
Part 2 ..... Sept. 170
Take Care of That Lathe! by Sam J. Phillips, Jr. ..... Aug. 122
Here's How You Can Make an Adjustable Lamp ..... Aug. 141
Two Men Died When Steam Line Strainer Ruptured ..... Sept. 158
What Can Be Done to Prevent Steam Line Failure? ..... Oct. 175
Inexpensive "Clip" Board ..... Sept. 223
Try This Shop-Built Broom ..... Sept. 225
Yarn Mill Uses Live Storage to Control Inventory, Save Space ..... Oct. 118
Make Work Tables Roll ..... Oct. 156
Hammer Helps Tighten Bolts ..... Oct. 159
Beats Chalk ..... Oct. 160
Maintenance in Wet Processing Plants ..... Nov. 95
How to Maintain Humidifying Systems (Ga. Meet) ..... Nov. 149
What Is Your Floor Maintenance Schedule and Cost! (Ga. Meet) ..... Nov. 151
Electric Motor Housings Reclaimed ..... Nov. 165
Fluorescent Light Maintenance (Ga. Meet) ..... Dec. 95
Motor Cleaning & Lubricating (Ga. Meet) ..... Dec. 96
Responsibility for Maintenance (Ga. Meet) ..... Dec. 96
Pick Up Filings the Easy Way ..... Dec. 141

New Equipment

Lint-Free Squirrel-Cage Motor ..... Jan. 177
Fluid Drive Permits Acceleration Control ..... Feb. 217
Automatically Controlled Power Transmitter ..... Mar. 173
Shielded Monorail Systems Are Shockless ..... Apr. 209
Central Air Conditioner Requires 1/3 Space ..... May 180
Cut Machine Downtime with This Maintenance System ..... May 185
Suspended Cleaners Filter Fly from Room Air ..... June 215
Static Bar Will Not Short Out ..... Aug. 169
Enclosed, Non-Ventilated Textile Motor ..... Sept. 231

See Also TI's Annual Product Parade and Buyer's Guide Published in Mid-November, 1957

Textile Manufacturing (Fiber to Fabric)

COTTON

Opening and Picking

The New Cotton Crop (STA Meet) ..... Jan. 115
New Opening Equipment (STA Meet) ..... Jan. 115
Effect of a Cotton Fiber Conditioner on Yarn Strength, etc. (Ala. Meet) ..... Jan. 123
Magnetic Separators Save Them Money ..... Jan. 131
Mill Tests on Opener Room Equipment (STA Meet) ..... June 143
Experience with Super Jet Cleaners (Ga. Meet) ..... June 159
Methods for Blending Dyed Cotton Stock and Cotton-Synthetic Mixes (Ga. Meet) ..... June 159
How to Evaluate Opening and Picking Processes (TQCA Meet) ..... June 171
Modern Opening and Cleaning Practices (TQCA Meet) ..... June 171
New Opener-Cleaner Being Developed (TQCA Meet) ..... June 171
Details of New Cotton Opener-Cleaner Available ..... Dec. 83
Quality of 1956 Cotton Crop (TQCA Meet) ..... June 172
Fiber's Contribution to Yarn Strength (TQCA Meet) ..... June 172
Running Cotton Waste! by Calvin Hall ..... Oct. 143
High Compression Calender Rolls on Pickers (Ga. Meet) ..... June 160
Two Beater vs. Three Beater Pickers (Ga. Meet) ..... June 160
Kirschner Beater Speeds (Ga. Meet) ..... July 107
Ways to Prevent Heavy Lap Ends, by Konrad Chu ..... Aug. 94
Pneumatic Picker Lap Controls (Ala. Meet) ..... Dec. 116
Straighten Lap Sticks ..... Dec. 143

New Equipment

Two Opening-Cleaning Units Now One ..... Aug. 176
Accurately Blend Large Quantities of Any Fiber ..... Mid-Nov. 22
Extracts Thread Waste from Floor Sweeps ..... Aug. 170
Roving Waste Opener Protects Staple ..... Dec. 164
Picker Has Automatic Doffer ..... Feb. 225
Lap Scale Automatically Adjusts Picker ..... June 215
Lap Pins Pneumatically Freed ..... Aug. 170

See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

Carding

Doffer Combs Eliminated ..... Jan. 85
Converting Card Coilers for Larger Cans (Ala. Meet) ..... Jan. 123
More Ways to Stop Blowing Card Fly ..... Feb. 175
Card Screen Settings Stop Blowing Fly ..... June 209
Let Card Reclaim Tangled Sliver ..... Feb. 177
Tried This Approach To Continuous Strippers? ..... Apr. 147
Infrared Light Dries Card Web ..... Apr. 149
Idler Improves Card Grinding ..... Apr. 149
Pointers for the Card Grinder ..... July 145
More Ways to Stop Snowballing At Cards ..... Apr. 155
Flag That Card! Snowballs Don't Draft Out (Poster 11) ..... Dec. 109
Experience with Metallic Clothing on Cards (STA Meet) ..... June 143
Nylon Sliver Condensers on Cards and Drawing (Ga. Meet) ..... June 158
Ways to Eliminate Static at Cards and Drawing (Ga. Meet) ..... June 160
Regrinding Flexible Bends on Cards (Ga. Meet) ..... July 101
Grinding Flexible Bends (Ala. Meet) ..... Dec. 115
Lap Waste at Cards (Ga. Meet) ..... July 102
Piece Your Laps Evenly! (Poster 5) ..... Sept. 163
Mote Knife Angle (Ga. Meet) ..... July 107
File Off the Burr before It Lumps or Breaks the Web (Poster 7) ..... Oct. 125
Three-Way Card Gauge ..... Oct. 157
Replacement for Licker-in Cover Cuts Card Waste 80% ..... Nov. 122
Mill Man Tells Why Card Clothing Blisters ..... Nov. 167
Gearmotor Type Card Drive, by R. W. Yawn and E. C. Fox ..... Dec. 98
Overhauling and Grinding Cards (Ala. Meet) ..... Dec. 115

New Equipment

Full Protection for Motors Driving Cards ..... Jan. 171
Reduce Sliver Stretch at Card Coiler ..... Jan. 173
Grind Card Bends in the Mill ..... Jan. 175
Card Coilers with Chain Table Drive ..... Apr. 209
Central Card Lubrication System ..... Aug. 167
Card Clothing with Rubber "Cushion" ..... Nov. 195
Card Drive Slippage Supplies Clutch Action ..... Mid-Nov. 21
Modernize Cards with this Coiler in 30 Minutes ..... Mid-Nov. 24

See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

Drawing, Combing, Fly Frames

Changeover Puts Laps Atop Drawing Frame ..... Mar. 143
Sliver Evener for Drawing and Roving Frames, by Hugh M. Brown and John S. Graham (CRC) ..... May 125
Pounding Damages Drawing Trumpets (Poster 6) ..... Sept. 165
Improve Drawing Sliver Uniformity, by James R. Corley and Dost M. Sandila ..... Nov. 129
Pick Laps Off Rolls—Knives Roughen Them (Poster 9) ..... Nov. 143
Getting the Most Out of Combing, by Maley Chagro ..... Mar. 103
Slubber Stop Motions (Ala. Meet) ..... Jan. 124
Anti-Friction Compounds (Ga. Meet) ..... July 107
Ball Bearings on Fly Frames Boost Roving Quality and Lower Costs ..... Dec. 105

How to Increase Roving Bobbin Contents (Ala. Meet) ..... Dec. 116

New Equipment

Vacuum Cleans Running Drawing Rolls ..... Nov. 193
Comber Sustains 150 Nips Per Minute ..... July 149
More Efficient Slubber Stop Motion Easier to Maintain ..... Jan. 174
Make Larger Roving Packages on Existing Frames ..... Mar. 171
Improved Slubber Stop Motion ..... May 184
Roving Frame Builds 12" x 7" Packages ..... Sept. 231
Flyer Puts More Roving on Bobbin ..... Mid-Nov. 21
See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

Spinning

How to Determine Yarn Strength Control Limits
by E. G. Field ..... Jan. 109
Top Drive Spindles (STA Meet) ..... Jan. 115
Experience with Umbrella Creels (Ala. Meet) ..... Jan. 122
Discussion on Suction Cleaning (Ala. Meet) ..... Jan. 122
Large-Package Roving (Ala. Meet) ..... Jan. 122
Draft Conversion Features Unit Replacement ..... Jan. 129
Know What Size Traveler to Use for New Yarns! ..... Feb. 121
Brush Cleans Travelers on Running Frame ..... Feb. 185
Where Will Traveler Speeds End? by Frank Paget ..... Mar. 87
Training Spinning Fixers, by Maley Chagro
Part 1 ..... Feb. 125
Part 2 ..... Apr. 116
Part 3 ..... June 147
Reclaim Spinner's Hooks ..... Feb. 181
Suction Cleaner Troubles! ..... Apr. 153
Nylon Tapes Boost Spinning Production ..... May 119
Spinners: Consider True Tension in Selecting
Traveler Weight ..... May 123
Effect on Yarn Quality of Roll Run-Out in Spinning,
by James E. Dougherty (CRC) ..... May 124
Top Spinning Roll Changing Made Easy ..... May 163
Support Speeds Cylinder Changing ..... May 163
Mill Test of Four Kinds of Center Suspension Top Rolls ..... June 144
These Factors Affect Spinning Drafts
by W. S. Smith ..... June 168
Speed Removal of Top Back Spinning Rolls ..... June 269
Use Yarn Constants to Speed Production Planning,
by Maley Chagro ..... July 88
Wrong Way to Piece Roving at Spinning (Poster 1) ..... July 103
Traveling Cleaners in Spinning (Ga. Meet) ..... July 108
Experience with the New High Draft System (Ga. Meet) ..... July 108
Top Roll Maintenance (Ga. Meet) ..... July 109
For Ends-Down Free Draft Gear Changing ..... July 145
Tips on Setting the Spinner's Job Load ..... July 153
Let Spinners Spin! ..... Aug. 79
Cleaners Spin! Spinners Spin! Spinners Clean! ..... Nov. 163
Pry Off the Traveler! Hammering Will Ruin the Ring
(Poster 3) ..... Aug. 111
A Way to Set Spinning Doffer Loads ..... Aug. 137
Set Spinning Rolls While Frame Runs ..... Aug. 143
Mills Can Get Tables for Predicting Cotton Yarn Strength ..... Sept. 183
Tube and Water Leveling System for Spinning Frames ..... Sept. 221
Handy Top Roll Truck ..... Sept. 221
Save Time in Spinning with Adjustable Speed Drive ..... Oct. 151
"Plush Covered" Top Clearers ..... Oct. 155
Roller Blocks Adapted to Larger Spinning Rolls ..... Oct. 157
Soaks Cots Loose ..... Oct. 159
Easy Way to Figure Spinners' Pay, by Maley Chagro ..... Nov. 111
Don't Belittle the Lay Gear in Spinning and Twisting ..... Nov. 146
What Size Package Should We Make? by F. G. Ernest ..... Dec. 77
Cites Advantages of Anti-Friction Spinning Spindles ..... Dec. 137

New Equipment

High Draft Aprons Have Life Expectancy of 5 Years ..... Jan. 172
Dead Weight or Spring Weight This Spinning ..... Feb. 217
Clean Spinning Clearers Speedily ..... Feb. 222
You Can Extend the Life of Paper Tubes ..... Mar. 173
New Central Heat Removal System for Spinning ..... Mar. 178
Spinning Draft Apron Eliminates Chatter ..... Apr. 210
Frame for Direct Spinning of Coarse Yarns ..... Apr. 212
Disk-Driven Spindles on Frame from Holland ..... May 181
Cots, Roll Covering Material Prevent Static Build-Up ..... May 182
Draft Apron Gives Longer Service Life ..... July 152
Top Clearer Covers Lower Cleaning Cost ..... Oct. 181
Takes the Work Out of Lowering Ring Rails ..... Oct. 183
Frictionless Cradle for Use with Solid Arbors ..... Mid-Nov. 45
Roving Bobbin Holder ..... Mid-Nov. 58
See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

Spooling, Quilling, Twisting, Winding, Warping

Cut Spooling Costs, by Manuel Wolfe ..... May 122
Checking Spooler Snick Plates (STA Meet) ..... June 146
Cleaning Automatic Spoolers (STA Meet) ..... June 146
Optimum Winding Speed for Spoolers (STA Meet) ..... June 146
Spooler Pocket Waste Exhausted into Dust Pit ..... July 141
How One Mill Increased Quill Life ..... Jan. 167
Increase Quiller Output ..... Feb. 179
Tips on Quilling Metallic Yarns ..... Mar. 122
Tips on Twisting Metallic Yarns ..... Mar. 122
Center Twister Spindles Without Shifting Plug ..... Mar. 141
Jack for Removing Twister Thread Chokes
"on the run" ..... Mar. 147
Need to Put More Yarn on Dye Packages? ..... Jan. 131
Don't Tape Winder Pulleys to Change Wind Ratio ..... Jan. 167
Making Paper Tube Adapters from Bobbins ..... Mar. 147
Gauge for Setting Cone Sizes ..... May 162
What Is Optimum Taper of Cone? (STA Meet) ..... June 146
Factors for Determining Tension in Winding
(STA Meet) ..... June 146
Prevent Sloughing of Nearly Empty Cones
(STA Meet) ..... June 146
How Often Should Winder Oil Be Changed
(STA Meet) ..... June 146
How to Stop Making Fuzzy Yarn on Winders
(STA Meet) ..... June 146
Speed Dye Spring Covering with Tool for
Cutting Stockinette ..... June 213
Vacuum Slub Catchers Up Winder Output 15% ..... Aug. 88
Electronic Slub Catcher Reported to be 99% Efficient ..... Sept. 183
Prevents Occasional Bad Yarn Package ..... Oct. 159
Tips on Warping Metallic Yarns ..... Mar. 123
This Warper Lease Board Prevents Tangles ..... Aug. 145
Silk System Warper at N. C. State Has
Built-in Mechanical Computer ..... Dec. 108

New Equipment

All-Purpose Twister-Doubler has 6" Rings ..... Feb. 209
Large Package Twister Handles All Yarns ..... July 160
Spans Gap between Light and Heavy Twisters ..... Dec. 167
Winder Makes 35-lb Packages of Coarse Yarns ..... Jan. 174
Three Interesting New Filling Winders ..... Feb. 215
How to Cut Battery Hand Costs 50% ..... Feb. 224
Vacuum Slub Catcher Ups Winder Output ..... Mid-Nov. 53
Reeling Machine Uses Two Swifts ..... Dec. 165
Scanner Detects Broken Ends at Beaming ..... Oct. 184
See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

Slashing

Warp Sizing, by Paul V. Seydel
Article 9 ..... Jan. 100
Article 10 ..... Feb. 142
Article 11 ..... Mar. 110
Article 12 ..... Apr. 126
Article 13 ..... May 134
Article 14 ..... June 151
Article 15 ..... July 110
Article 16 ..... Aug. 115
Article 17 ..... Sept. 185
Article 18 ..... Oct. 130
Article 19 ..... Nov. 136
Article 20 ..... Dec. 119
Moisture Control Equipment for Slashing (Ga. Meet) ..... Jan. 127
Slasher Moisture Data (Ga. Meet) ..... Jan. 127
Remove Center Reed to Up Slasher Output ..... Feb. 185
How One Mill Prevents Rust Spots on Cloth ..... May 151
What Slashers Will Do, by Bob Lee (Ala. Meet) ..... July 93
Slashers—Old vs. New ..... Sept. 219
Why Sizing Costs Went Down
(Modernization at Clinchfield) ..... Oct. 93
How Much Roll Pressure? ..... Oct. 155
Reply to Slasher Squeeze Roll Pressure Question ..... Nov. 165
More on Slasher Squeeze Roll Pressure ..... Dec. 139
Lease Rods from Conduit ..... Oct. 160

New Equipment

Slashing Speeded by Hot Air Dryer ..... Jan. 176
Warp-Width Moisture Control at Slasher ..... May 180
Slasher Pressure Roll System Ups Output ..... July 152
Electric Cut Marker ..... Mid-Nov. 85
See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

Weaving and Cloth Room

Battery Fillers an Expensive Luxury? by T. F. O'Connor ..... Jan. 87
Mill Licks Condensation in New Weave Room ..... Jan. 133
How Abney Mills Solved a Weave Room Moisture Problem ..... June 162
Condensation on Weave Room Walls (Ga. Meet) ..... Dec. 95
How to Simplify Weaving Production Orders ..... Jan. 163
Loom Setting Gauge ..... Jan. 169
Loom Winders on Combed Cottons ..... Feb. 122
How to Get Longer Life from Shuttles ..... Feb. 159
Put Patch on Binder to Prevent Filling Kinking ..... Feb. 179
Loom Stop Counters at Chatham ..... Mar. 94
Streamline Production Planning, by Marcus C. Gross ..... Mar. 106
Tips on Weaving Metallic Yarns ..... Mar. 123
No Heavy Filling Hangs on This Center Fork ..... Mar. 148
Control Corduroy Quality ..... Apr. 99
Changing Over from Single to Plied Filling, by Robert Bayles ..... May 106
Progress on Shuttleless Looms ..... May 121
Here Are Some Novel Twill Weave Fabrics, by Osbert Hughes ..... May 145
Soak Box Top Leather ..... May 161
Magnet Retrieves Dropped Metal Parts ..... May 162
Fewer Mispicks ..... May 163
Huyck's Electromechanical Pick Motion, by R. J. Demartini, T. F. Rapp, and L. F. Cunningham ..... June 140
Memo to Weavers: File Fitting ..... June 205
Endless Cheek Straps (Ala. Meet) ..... July 90
Link-Type Parallels (Ala. Meet) ..... July 91
Loom Repair Parts Cost (Ala. Meet) ..... July 91
Life of Shuttles, Pickers, and Cheek Straps (Ala. Meet) ..... July 91
Types of Shuttles Used by Ala. Mills ..... July 91
Experience with Nylon Monofilament in Shuttles (Ala. Meet) ..... July 91
Dimensions of Quills Used in Ala. Mills ..... July 91
Keep Tools Off Cloth, Mr. Loom Fixer (Poster 2) ..... July 106
Spun vs. Rewound Filling (Ga. Meet) ..... July 107
Stripper for Sloughed Quills ..... July 143
Mirror Saves Time for the Weaver ..... July 147
Defect Patterns in Woven Fabrics, by Marcus C. Gross ..... Aug. 98
If You Can't Wait for the Battery Filler, Mr. Fixer, Please Wash Your Hands! (Poster 4) ..... Aug. 114
Designs Warmer and Lighter Cold Weather Fabric ..... Aug. 135
Tip for Weavers of Metallic Yarns ..... Aug. 139
Inexpensive Mill-Made Truck for Battery Fillers ..... Aug. 139
How To Keep Heavy Yarns in Shuttle Eye ..... Aug. 145
Weave Cotton Goods 200% Faster! ..... Oct. 115
Get These Special Effects with Loom Reeds, by Osbert Hughes ..... Oct. 120
Check Filling Forks Regularly (Poster 8) ..... Oct. 127
Repair Bruised Binders Without Welding ..... Oct. 157
Board Shows Filling Yarn Needs at a Glance, by Mara Havinovski ..... Nov. 118
Preventive Maintenance Schedule for Looms (Ga. Meet) ..... Dec. 94
Method and Frequency of Cleaning Looms (Ga. Meet) ..... Dec. 94
Metalizing Loom Crankshafts (Ga. Meet) ..... Dec. 94
Temple Thread Cutter Life (Ga. Meet) ..... Dec. 95
Boxing Shuttles on 44" X-2 Loom Running at 184 ppm (Ga. Meet) ..... Dec. 95
Box Weaving Discussion (STA Meet) ..... Dec. 129
Synthetic Shuttles (STA Meet) ..... Dec. 129
Checking Looms at Warp Change (STA Meet) ..... Dec. 133
Greasing System for Harness Motion Idler Gears ..... Dec. 139
Blackboard is Weave Room Aid ..... Dec. 141
Let-Back Aid for XD Looms ..... Dec. 141
Cloth Conveyor Cut Costs ..... Jan. 99

New Equipment

Electric Filling Yarn Truck Saves Time ..... Mar. 171
Fancy Goods Looms Have Many Cost Cutting Features ..... Mar. 176
Improved Shunt Magnet for Looms ..... May 182
Speeds Up to 880 ppm with 18" Shuttleless Loom ..... May 183
Filling Fork Stop Can't Damage Shuttle ..... June 215
Narrow Fabric Loom Length Standardized ..... July 152
Loom Pattern Chains of Nylon Need No Oil ..... July 155
Set This Pick Motion Power As Loom Runs ..... July 158
Spotlights Broken Ends at Loom ..... Sept. 242
Throw Shuttle Straighter, Catch it Easier ..... Nov. 193
Shuttle Check with New Approach ..... Nov. 197
Let-Off Gives Smooth Warp Delivery ..... Dec. 161
Machine "Hands" Ends to Person Drawing-In ..... Dec. 162
Unit Expands and Aligns Open-Weave Goods ..... Feb. 209
Trimmer Does Not Nick Slack Selvages ..... Feb. 219
Adjustable Stops Feature of New Cloth Folder ..... Mar. 175
Measuring and Folding Machines Feature Exactness ..... Aug. 172

See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

Tufting

Tufted Textiles (Special Section) ..... June 81
Tufting from Beams ..... June 82
New Tufted Carpets Can Be Printed, by P. Abbenheim ..... June 87
How Throw Rugs Are Made in an Integrated Mill ..... June 90
Custom Carpet Finishing ..... June 98
Progress and Problems of the Tufted Industry ..... June 120
Equipment Limits Tufted Patterns ..... June 120
Solution-Dyed Yarns Popular in Tufteds ..... June 120
Printing and Padding of Tufteds ..... June 122
The Tufted Bedspread Situation ..... June 124
Condition of the Tufted Market ..... June 124
Table Showing Yarns and Fabrics Used in Tufteds ..... June 126
Why Do Carpets Soil? by P. Abbenheim ..... July 97
Manufacturers' Shipments of Tufted Textile Products ..... July 109
Here's An Improved Nylon Carpet Yarn Splice ..... Aug. 81

New Equipment

Tufting Machines with Individually Controlled Needles ..... Aug. 173
Prints Tufted Carpets in Sharp Designs ..... Oct. 184
Tufter Gives Cut and Uncut Pattern Areas ..... Nov. 195
Tufter Permits "Dialing Pile Height" ..... Nov. 200
Wide Carpet Tenter Has Electric Width Control ..... Mid-Nov. 85

See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

SYNTHETICS

Man-Made Fibers Symposium (TRI Meet) ..... May 146
Fiber Forming Materials of the Future (TRI Meet) ..... May 149
Man-Made Fibers (Special Section) ..... Sept. 113
Here are the Man-Made Fibers ..... Sept. 115
How Mills Run Synthetics ..... Sept. 119
Properties and Uses of the Man-Made Fibers (chart) ..... Sept. 129
Trade Names of Man-Made Fibers and Yarns (chart) ..... Sept. 134
Location of U. S. Synthetic Fiber Producers Plants (map) ..... Sept. 135
Today's Status of Textured Filament Yarns, by Eldon Stowell ..... Sept. 136
What Makes a Fabric Sell? by J. Poupalos & C. Clutz ..... Sept. 141
Advice for Makers of Man-Made Fiber Fabrics ..... Jan. 129
Creslan Acrylic Fiber Available for Product Development ..... Feb. 128
Stop Losing Customers Because of Fiber Contamination, by J. H. Rohs ..... May 103
How to Run Dacron-Cotton Blends (TQCA Meet) ..... Jan. 116
One Key to Blending Synthetics ..... Dec. 81
Which Cutter Would You Use on Nylon Tow? ..... Sept. 215
Use This Tow Cutter in Making Rug Yarns—A Reply ..... Oct. 153
Worsted System Carpet Yarns from Dope-Dyed Staple ..... Mar. 96
Tips for Running Arnel Staple ..... Mar. 133
High Production Stretch Yarn, by P. Abbenheim ..... May 120
How to Run Metallic ..... Mar. 122
Use These Knots to Tie Yarns of Du Pont Fibers ..... June 157
Warp Sizing, by Paul V. Seydel (See Slashing)
New Facilities for Sizing Dope-Dyed Yarns ..... Apr. 114
Tight Picks—Question for Glass Weavers ..... May 157
Weaving Loom Bonded Rayon Scrim, by J. A. Roberts ..... July 86
How Schwarzenbach-Huber Reduced Seconds ..... Aug. 86
How is Metallic Yarn Woven? ..... Sept. 225
Weave Metallic Yarns Flat—A Reply ..... Nov. 159
More on Weaving Metallic Yarns ..... Dec. 144
Specifications for Auto Seat Cover Fabrics ..... Oct. 103
Mill Makes Persian-Lamb-Like Pile Fabric ..... Nov. 120

New Equipment

New Coiler for Pacific Converter ..... Sept. 230
Anodized Aluminum Take-Up ..... July 157
Aluminum Twister Bobbin has Identification Rings ..... Aug. 174
Nearly Doubles Crimp-Spin Production ..... Oct. 187
Combination Uptwister-Ring Twister ..... Nov. 198
Refinements Added to False Twist Machine ..... Dec. 164
Tension Device for Low-Twist Yarns ..... July 157
Nylon Sizing Method Eliminates Top-Waxing ..... Mar. 177
Stronger Take-up Roll Covering for Rayon Looms ..... Apr. 209
Carpet Yarns Solution-Dyed in Heavy Deniers ..... Jan. 176
Rayon Carpet Yarn Resists Soiling ..... Feb. 215
Acetate Yarns Give Improved Processing ..... Feb. 219
Fine Denier Tire Cord Yarn ..... Feb. 223
New Ways to Dye Orlon Tow and Yarn ..... Apr. 212

Spinnable Fiber Withstands 500 F Temperature ..... June 218
Wet Strength 70% Over Conventional Rayons ..... July 160
Solution-Dyed Novelty Yarns ..... Sept. 239
Bulking Technique Uses Core Yarns ..... Nov. 198
Cellulosic Fibers and Yarns ..... Mid-Nov. 211
Non-Cellulosic Fibers and Yarns ..... Mid-Nov. 213
Metallic Yarns and Staple ..... Mid-Nov. 213
See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

WOOL

Controlling Woolen Roving Weights, by Wilfred J. Deschenes ..... Feb. 131
Making Core Yarns on Woolen Systems ..... Feb. 179
Preventive Maintenance Department at Chatham Keeps Woolen Cards Running, by Clyde Hall ..... July 95
Smooth Start for Wool Cards ..... Aug. 85
Tape Condenser Vibration Problem Solved at Stamina Mills ..... Dec. 93
Maintenance Suggestions for Woolen Spinning Overseers, by Louis Bussiere ..... Jan. 119
Worsted Blending—How Much Is Enough? by Watson J. Wood ..... Jan. 96
Worsted System Carpet Yarns from Dope-Dyed Staple ..... Mar. 96
Pinpoint Worsted Mill Departmental Costs, by Watson J. Wood ..... May 111
Modern Norwegian Worsted Yarn Mill, by T. E. Stribling, Jr. ..... June 136
Improved Method for Vigoureux Printing of Wool ..... Dec. 100
No More Binder Hanging Up on W-3s ..... Apr. 153
Spring Reduces W-3 Feeler Wear ..... May 161
XD Temples Mounted on W-3 Looms ..... July 141
A "Unique" Wilton Carpet is Born ..... Aug. 127
Switch Stops Looms Properly ..... Sept. 225
Lease Jute End-and-End ..... Oct. 155
Weaving Face-to-Face Carpets, by Burgess O. Worcester ..... Nov. 125
Fabric Defects in Wool Finishing, by Richard G. Stoehr
Part 1 ..... Dec. 84
If Beat-Up is a Problem, Try This ..... Dec. 143
How Quality Printers' Lappings are Made ..... Nov. 114
"Standard" Wool Fabrics Are Not Standard!
Part 1 ..... Apr. 106
Part 2 ..... May 128

New Equipment

How to Cut Wool Emulsion Cost ..... June 217
Large Lot Blending System ..... Mid-Nov. 22
Rag Cutter Takes Up to 12.5 Tons Per Hour ..... May 184
Rub Apron for Wool Cards Keeps Its Rough Surface ..... Mar. 175
Cooler Running Rub Aprons with More "Rub" ..... Oct. 186
84" Woolen Card for Carpet Mills ..... Mid-Nov. 26
Gill Reducer 50% Faster ..... Aug. 167
System Drafts All Fibers from 2 3/8" to 8" ..... Feb. 220
Conversion Systems for Worsted Spinning ..... July 156
Spooler Gives Wool Mills Control of Yarn Firmness ..... Mar. 177
Pick-and-Pick Automatic Loom Is Most Versatile ..... Mar. 171
Convertible Carpet Loom for Wilton Types ..... Sept. 240
See also TI's Annual Product Parade & Buyer's Guide.

Wet Processing—Dyeing, Bleaching, Printing, Finishing

How to Care for Stainless Steel, by James H. Hunter ..... Mar. 124
Don't Waste Hot Water! by James J. Coleman ..... Apr. 122
How to Care for Rubber Rolls ..... June 173
Hohokus Bleachery Found an Answer to Stream Pollution ..... July 71
B. O. D. Test in Textile Mill Waste Problems, by H. Heukelekian ..... July 74
Supervisors Control Quality at Clearwater Finishing Plant ..... Aug. 83
How A Wet Processing Plant Cut Valve Maintenance Costs ..... Aug. 93
Simple Liquid Flow Control ..... Oct. 159
Maintenance for Wet Processing Plants ..... Nov. 95
Maintenance: How it's Planned at Union Bleachery ..... Nov. 96
Maintenance: Wet Processing Instruments, by W. H. Ridley ..... Nov. 102
Maintenance: What is the Department Head's Responsibility? by Michael Stanley ..... Nov. 106
Maintenance: Calender Rolls, by C. A. Potter ..... Nov. 109
Let's Sew Those Seams the Right Way! (Poster 10) ..... Nov. 142
Sew That Tear—Tears Cause Doubled Edges (Poster 12) ..... Dec. 112

New Equipment

Electronic Edge Guide Handles Many Webs ..... Jan. 171
Compact, Light-Duty Edge Guide ..... Jan. 174
Web Guides Perform at Several Points at Once ..... Feb. 216
Web Tensiometer Does Not Damage Material ..... Feb. 223
Cloth Guider Holds Nylon Tricot to Full Width ..... Mar. 172
Cut Costs with This Electronic Process Control ..... May 181
Nonwoven Producers Can Save Money with This ..... May 182
Indicates and Transmits Pressure Readings ..... May 186
Determines Level of Viscous Fluids ..... Sept. 235
Combined Bow and Skew Straightener ..... Oct. 182
Self-Threading Backwasher ..... Oct. 183
High Speed Rope Washer Saves Water ..... Nov. 199
Desize Continuously up to 125 YPM ..... Nov. 199

Dyes and Chemicals

Oil-in-water Printing Colors ..... Jan. 175
Softener For All Cotton Applications ..... Jan. 177
Vat Dyes for New Printing Process ..... Feb. 209
Anti-Static Agents Applied Anytime ..... Feb. 215
Aluminum Formate in Powdered Form ..... Feb. 218
Range of Azoic Dyes Offers New Printing Speeds ..... Feb. 224
Finish Keeps Sweaters From Pilling ..... Apr. 211
New Line of Nonionic Surface Active Agents ..... May 182
Durable Wrinkle-Resistant Finish for Cottons and Rayons ..... May 185
Surfactants Useful Over Wide Temperature Range ..... June 217
Thermosetting Resins for Cotton and Nylon ..... Aug. 175
Makes Synthetics as Absorbent as Natural Fibers ..... Nov. 195
Improves Dulling to Nylon Hosiery ..... Nov. 200
See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

Dyeing, Bleaching, & Printing

Suggestions for Dyeing and Finishing Verel, by William R. Ivey, Jr. ..... Jan. 112
Preparation of Dacron-Cotton Blends for Dyeing (TQCA Meet) ..... Jan. 117
Dyeing Blends of Dacron and Cotton (TQCA Meet) ..... Jan. 118
Tips for Dyeing and Finishing Fabrics of Taslan Yarn ..... Jan. 121
Packaged Drive Helps Finisher Boost Production ..... Jan. 169
Timing Controls Quality, by Frank J. Percarpio ..... Feb. 129
Silk Is Degummed at Low Temperatures ..... Mar. 100
Progress on Continuous Dyeing of Tufted Carpets ..... Mar. 109
Dyeing the Synthetic Fibers, by G. T. Hug ..... Sept. 144
H_2O_2 for Oxidizing Vats ..... Oct. 104
Mill-Made Brake for Dyeing Machines, by Frank Paul ..... Nov. 183
$185.5 Million Worth of Dyes Sold in U. S. Last Year ..... Nov. 191
How Color-Knit Dyes Orlon Match Mates ..... Dec. 149
How to Enlarge an Open Kier ..... Feb. 177
You Can Cut Peroxide Bleaching Costs, by H. G. Smolens ..... May 114
New Bleaching Method for "Orlon" Improves Whiteness ..... Dec. 106
Convertible Ager at Cranston Print Works ..... Mar. 93
Printing Process Yields Fabrics That Look Dyed ..... Mar. 102
They Roller Print Glass Fabrics ..... May 133
Vat Color Emulsion System for Machine and Screen Printing ..... June 157
How Wall Coverings Are Made from Textiles ..... June 161
Vat Printing at Eureka ..... Aug. 103
This Mill Does One-Step Printing, Drying and Curing ..... Dec. 80

New Equipment

Range for Continuous Dyeing of Corduroys ..... Jan. 171
Improved J-box Reduces Seconds ..... Jan. 173
J-Box Design Reduces Cloth Damage ..... Sept. 241
Pressure Dyeing Machine Has Jig Action ..... Jan. 176
Enclosed Dye Jig Features Tension Control ..... Feb. 211

Double Bleaching Output, Halve Floor Space ..... Jan. 177
Timing Steamer for Open-Width Bleaching ..... Feb. 222
Steams Cloth in Half the Floor Space ..... Dec. 162
Stores In-Range Fabric Automatically ..... July 155
Pressure Skein Dyeing Machine ..... Sept. 239
Flock Printing Machine Offers Higher Quality and Production ..... May 186
Engraves Printing Rolls Electronically ..... June 218
Screen Print Up to 10 Colors Automatically ..... July 159
See also TI's Annual Product Parade & Buyer's Guide published in Mid-November, 1957

Finishing

Synthetic Latices for the Textile Industry, by John E. Warner ..... Jan. 92
Finishing Dacron-Cotton Blends (TQCA Meet) ..... Jan. 118
Gas Singeing Cotton Yarns, by Frank Vogel ..... Feb. 119
Crease-proof Fabrics That Stay Strong, by C. W. Schroeder ..... Feb. 163
Mothproof Woolens for Five Years ..... Feb. 157
Mill Results with Compactor Reported ..... Feb. 260
Schreiner Calendering Improves Nylon Tricot ..... Mar. 165
How They Finish Corduroy at Watuppa ..... Apr. 102
Moths K.O.'d (Durable Moth Repellent) ..... Apr. 139
The Industry Needs Wash 'n Wear Standards, by Paul B. Stam ..... May 89
Promotion for Wash and Wear, by William P. Wright, Jr. ..... May 93
Improved Resin-Treated Wash-and-Wear Garments (Chem. Fin. Conf.) ..... Dec. 101
Panel Discussion on Wash-and-Wear Fabrics (Chem. Fin. Conf.) ..... Dec. 102
Says Fabric Finish Provides Durable Protection from Body Odor ..... May 133
Chlorine Retention of Resin Finishes, by P. J. Fynn ..... June 133
How to Give Arnel Fabrics Permanent Antistatic Properties ..... Aug. 105
Chemical Principles for the Finishing of Man-Made Fibers, by D. D. Gagliardi ..... Sept. 152
Fabric Defects in Wool Finishing, by Richard G. Stoehr Part I ..... Dec. 84
Oil and Water Repellency of Cotton Fabrics (Chem. Fin. Conf.) ..... Dec. 101
Factors Affecting Drying of Cotton Fabrics (Chem. Fin. Conf.) ..... Dec. 101

New Equipment

Machine Finishes Fur-Like High Pile Fabrics ..... Jan. 171
Colloid Mill Features Removable Design ..... Jan. 172
Control Feeds Size at Rate It Is Used ..... Feb. 211
Napper Offers Speeds Up to 50 ypm ..... Apr. 211
Napper Improves Finish of Simulated Fur Fabrics ..... Apr. 213
Napper With Zero Raise Control ..... July 161
Machine for Padding or Spraying Latex ..... Aug. 169
Shearer Permits Varying Cutter Angle ..... Aug. 175
Moisture Conditioner for Textile Webs ..... Sept. 236
Singeing Machine has Water-Cooled Rolls ..... Sept. 240
Adjust This Shearer to Accuracy of 0.004" ..... Oct. 181
Pile and Velvet Shear ..... Nov. 193
Sanforlan Withdrawn; Dylan Issued ..... Oct. 182
Heat Shock Prevents Dacron Pilling ..... Oct. 185
Ups Cylinder Drying Efficiency Five Times ..... Oct. 185
Speeds the Rubberizing of Knit Goods ..... Dec. 162
Latex Curing Oven Capable of 20 fpm ..... Mid-Nov. 77
Tenter Saves 66% in Fuel Consumption ..... Dec. 166
See also TI's Annual Product Parade & Buyer's Guide Published in Mid-November, 1957

General Textile Conventions

National Council for Textile Education Meeting ..... Jan. 113
Cotton Men Approve Synthetics Merger (ACMI Meet) ..... May 109
NAHM Convention ..... July 126
Five Kinds of Competition Facing Us (STA Annual Meeting) ..... Sept. 167
Carded Yarn Association Meeting ..... Nov. 113
NTA Seeks Recognition of Industry's Needs ..... Nov. 147
North Carolina Textile Manufacturers Annual Meet ..... Dec. 104

Research

Wool Bureau to Sponsor Project on Wrinkle Resistance ..... Jan. 91
Minimize Yarn Size Variation, by W. S. Tsiu ..... Apr. 110
Progress on Measuring Hand of Wool Fabrics ..... Apr. 124
Gordon Research Conference Set for July ..... Apr. 192
New Uses for Gasoline and Explosives Seen in Powered Shuttle for Looms ..... May 105
Cotton Research Clinic Report ..... May 124
Is Your Company Spending Enough for Research? ..... June 144
Built-In Flame Resistance for Cotton and Rayon ..... July 98
Expansion of Industry-Wide Wool Research Efforts Urged ..... Aug. 84
Minimum Staple for the Highest Count, by John Duerst ..... Oct. 124
Fiber Recovery and its Spinning Properties, by W. P. Cofield ..... Nov. 155
Early Start of Wool-Use Research Program Urged ..... Nov. 191
The New Look in Textile Research ..... Dec. 91
Research in Textiles (STA Meet) ..... Dec. 129

Testing

Tracing Defects with the Uster Evenness Tester, by Ernest R. Beckner ..... Feb. 139
Loom Stop Counters at Chatham ..... Mar. 94
Baby Incubator Used in Wool Testing ..... Mar. 123
Dan River Proves a New Fabric is Wrinkle-Proof ..... Mar. 129
Use Your Lab! by Ramon Parks ..... Apr. 119
Uniformity Analysis Using Beta Radiation, by P. R. Ewald and C. B. Landstreet (CRC) ..... May 127
Can You Use an Outside Laboratory? by Philip Sadtler ..... May 155
Nep Determination (Ga. Meet) ..... July 102
Skein Holder Made from Spare Parts ..... July 147
Quick Way to Test Fuzz and Pill Tendency of Carpets ..... Aug. 87
Power-Saving Knock-off for Tensile Tester Motors ..... Aug. 141
What Makes a Fabric Sell? by J. Poupalos and C. Clutz ..... Sept. 141

New Equipment

Lab Calender Simulates Plant Conditions ..... Jan. 173
Check Cotton Fineness Twice as Fast ..... Feb. 209
Tiny Spinning Plant Makes Yarn Samples ..... Feb. 216
Tensile Tester Is Versatile Unit ..... Feb. 218
Roving Tester Gives Drafting Resistance ..... Feb. 222
Spot Defective Yarn at the Source ..... Apr. 207
Counters for Loom Warp and Filling Stops ..... Apr. 210
Makes Record of Machine Operations ..... May 184
High-Temperature Lab Dyeing Machines ..... July 158
Crease Recovery Tester ..... Aug. 169
Spot Defective Yarn Quickly With This Tester ..... Aug. 176
Tester Produces Authentic "Pills" ..... Sept. 231
Improved Version of Nep Counter ..... Sept. 235
Cotton Fineness Meter ..... Sept. 236
Quickly Measure Single-Fiber Density ..... Sept. 241
Watch While it Tears ..... Sept. 241
Laboratory-Size Twister ..... Oct. 187
Lab Padder Duplicates Big Brother's Work ..... Nov. 197
Vibrations Actuate Production Recorder ..... Nov. 201
Rotary-Motion Abrasion and Pilling Tester ..... Nov. 201
Instrument Indicates Wool Grade and Fiber Diameter ..... Mid-Nov. 220
High-Speed Rewinder for Evenness Testers ..... Mid-Nov. 222
"Watch Charm" Napper Gives Authentic Results ..... Dec. 161
Measures Pull Necessary to Draft Fibers ..... Dec. 162
Measure Fiber Fineness With More Speed ..... Dec. 165
Meter Reads Drafting Roll Slip Directly ..... Dec. 165
Tests Reverse Bending Strength ..... Dec. 167
See also TI's Annual Product Parade & Buyer's Guide Published in Mid-November, 1957

Technical Meetings

"1956 Cotton Best You've Had in Years" (STA Meet) ..... Jan. 115
Blend Dacron and Cotton Fibers 65 to 35 (TQCA Meet) ..... Jan. 116
Alabama Carding, Spinning, Maintenance Forum ..... Jan. 122
Moisture Control in Slashing (Ga. Meet) ..... Jan. 127
Cotton Research Clinic Report ..... May 124
Why So Many Acrylics! (TRI Meet) ..... May 146
Eastern STA Carding-Spinning Discussion ..... June 143
STA Quilling, Warping, Winding Discussion ..... June 145
Georgia Carding and Spinning Discussion ..... June 158
Opening Discussed by TQCA ..... June 171
Check Straps—Endless vs. Conventional (Ala. Meet) ..... July 90
Report of Meeting of Carders Guild, NAW & WO ..... July 95
Grinding Card Flexible Bends (Ga. Meet) ..... July 101
Chemists and Colorists to Meet in Boston ..... Nov. 95
How to Maintain Humidifying Systems (Ga. Meet) ..... Nov. 149
Chemists Discuss Cotton Finishing Trends ..... Dec. 101
TQCA Discussed Large Packages ..... Dec. 113
Why Your Choice of Sliver Weight! (Ala. Meet) ..... Dec. 114
Box Loom Weaving Discussion (STA Meet) ..... Dec. 129

Knitting—Hosiery, Underwear, Outerwear

How to Restore Profits in Women's Hosiery ..... Mar. 159
Plan Now to Go to the Knitting Show ..... Mar. 163
1957 Knitting Show ..... Apr. 159
Who's Showing What at the 1957 KAE ..... Apr. 161
Current Statistics on U.S. Ladies' Hosiery Industry ..... June 191
Effect of $1 Minimum Wage on Hosiery Mills ..... June 197
Hosiery Men Plan Promotion (NAHM Meet) ..... July 126
Women's Attitudes on Nylon Hosiery ..... Aug. 67
South Has 43 Per Cent of Tricot Machines, Survey Shows ..... Aug. 159
1956 Hosiery Shipments Off 4.5 Per Cent ..... Aug. 160
Some Trends in Knit Goods Tastes, by I. D. Goldman ..... Oct. 174
Use the Three Official Warp Knit Whites ..... Nov. 179
Result's of First Circular Hosiery Machinery Survey ..... Nov. 179
What Consumers Think of Stretch Socks ..... Dec. 159
Knitting Mill in Department Store Window ..... Dec. 159

Seamless Hosiery

Improved Drum Friction for Komets, by K. O. Metz ..... Jan. 151
Knitting and Dyeing Nylon Staple Half Hose ..... Jan. 157
Improved Second Feed Friction, by K. O. Metz ..... Feb. 203
Pawl Prevents Faulty Chain Moves on Komets ..... Mar. 167
How They Handle Socks at Iredell Finishing ..... Apr. 188
Press-Off Draw Thread Attachment, by K. O. Metz ..... May 179
2 Socks for 1 on Automatic Sock Inspecting and Thread Cutting Machine ..... June 193
Chain Rack Handling Device for Komets, by K. O. Metz ..... June 195
Eliminate Yarn Separation on SCP Machines ..... June 208
Multi-Spline Clutch for Komets, by K. O. Metz ..... Aug. 157
Cause and Remedy for Defective Sock Made on SCOP Machine, by Winston Shewmake ..... Sept. 203
How to Simplify Stitch Adjustment, by K. O. Metz ..... Sept. 207
New Method of Color Changing on SCP Machines ..... Oct. 171
Stops Misfeeds on SCOP Machines, by Winston Shewmake ..... Nov. 177
Try These Time-Savers for Half-Hose Men ..... Nov. 184
Improved Rubber Feeder for Komets, by K. O. Metz ..... Dec. 153

New Equipment

Seamless Hose Knitter Offers Improved Looping Line ..... Feb. 216
Machine Has New Knitting Approach ..... Apr. 207
Stretch Sock Packager Saves 5 Cents per Dozen ..... June 215
Two-in-One Thread Trimmer ..... July 155
Automatic Soft Goods Packager ..... July 156
Versatile Hosiery Examining Form ..... July 161
Examining Form for Seamless Hosiery ..... Aug. 167
Full- and Knee-length Ladies' Seamless Hose Knitters ..... Aug. 176
Throat Plates Lower Knitting Cost ..... Sept. 231
Hosiery Packaging Machine Cuts Box Inventory ..... Sept. 235
Cuffs 500 Dozen Socks Per Eight Hours ..... Sept. 239
Treated Knitting Machine Parts Last Much Longer ..... Sept. 239
Improved Solid-Color Pattern Knitter ..... Nov. 199
High Speed Rib Trimming Machine ..... Dec. 164
Seamless Machine Features Loop Control Unit ..... Dec. 166
Portable Model Thread Trimmer ..... Dec. 166

Circular Knit Outerwear and Underwear

Keep Lint off Body Machine Stop Motion Parts ..... Jan. 157
One Way to Prevent Press-Offs in Knitting ..... Feb. 179
Set Knitting Take-Up Motions with Care ..... Feb. 185
Knitting High-Pile from Staple ..... Feb. 198
One Way to Stop Dragging Knitting Clutches ..... Mar. 147
Tips on Faulty Knitting ..... Mar. 148
Turn Tubular Knit Goods Faster ..... Mar. 155
Sweater Mill Cuts Operating Costs ..... Mar. 161
One Way to Repair Body Machine Press-Offs ..... Apr. 149
Protect Take-Up Belts ..... Apr. 153
Knitter Take-Up Lazy? ..... May 161
Reduce Knitter Troubles ..... May 162
Enlarge Knitter Creel ..... May 162
Construction Is Critical in Interlock ..... June 187
How Garden State Handles Helanca SW ..... July 131
One Way to Prevent Press-Offs ..... Aug. 143
Tip on Yarn Tension for Body Knitting ..... Aug. 153
Troubled with Dropped Stitches? ..... Aug. 153
Stop Trip Lever Plate Wear on Circular Knitters ..... Sept. 217
Speeds Needle Butt Pulling ..... Sept. 223
Finding Weak Knitting Yarn ..... Sept. 223

New Equipment

Set Knitting Feeds Quickly and Accurately ..... Feb. 211
Steam-Air Press Sizes Sweaters Automatically ..... Feb. 218
Looper Tension Unit Suitable for Cashmere ..... Feb. 224
High Output from Interlock Sweater Machine ..... Mar. 174
How to Eliminate Horizontal Streaks in Knitgoods ..... Apr. 209
Sets Ban-Lon Sweaters in 12 Minutes ..... June 217
High Production Interlock Knitter ..... July 149
Knits up to 45 Sweater Strips per Hour ..... Aug. 172
Looper Thread Measurer and Tensioner ..... Sept. 241
Automatic Sweater Finisher ..... Sept. 241
Spool Let-Off for Novelty Knit Yarns ..... Oct. 182

Full-Fashioned Hosiery and Outerwear

How Full-Fashioned Neckwear Is Made ..... Jan. 153
How to Straighten F.F. Needles, by S. W. Bridges ..... Jan. 158
Control Pull Threads in F.F. Stockings ..... Jan. 165
High F.F. Waste = Low Profits, by R. D. Brackett ..... Feb. 193
Wrench for Pressing F.F. Machine Bushings ..... Mar. 145
3 Easy Ways to Reduce F.F. Waste, by John Gift ..... Mar. 157
F.F. Stockings with Genuine Round Heels and Toes ..... Apr. 190
Ladies' Hose Length Control System, by Joseph C. Cohert ..... May 169
Keep F.F. Machine Shafts in Line, by R. D. Brackett ..... June 188
Keep F.F. Seconds at 2% ..... July 125
Planned F.F. Lubrication Pays, by R. D. Brackett ..... Aug. 151
Current Statistics on U.S. Full-Fashioned Outerwear ..... Aug. 153
Simple Spring Saves Time and Hose ..... Sept. 205
Up F.F. Sweater Output ⅓ ..... Sept. 209
Cuts F.F. Down Time ..... Sept. 225
Production Tests Assure F.F. Quality ..... Oct. 165
Here's How We Knit No-Run F.F. Hosiery ..... Nov. 180
How to Avoid Narrowing Troubles on F.F. Machines ..... Dec. 154

New Equipment

Up Hosiery Refort Capacity 40% ..... Feb. 221
Preboarder Steams Without Pressure ..... July 160
F.F. Hosiery Control System is Faster, More Accurate ..... Apr. 210
Single Section Full-Fashioned Sweater Machine ..... May 180
New Safety Devices for Full-Fashioned Knitters ..... May 183
Flushes and Oils Sinkerheads and Catchbars ..... July 157
Automatic F.F. Machine—3 Hand Operations ..... Aug. 174
Full-Fashioned Sweater Boarder ..... Nov. 195
Automatic 6-Gauge F.F. Sweater Knitter ..... Dec. 165

Other Manufacturing Articles

Tips for Knitting Creslan Acrylic Fiber Yarns ..... Feb. 197
Knitters Control Quality ..... Apr. 184
Converting Pick System Aids Gore Stitching ..... May 159
Planned Controls for Waste and Maintenance Aid Tricot ..... May 174
Manually Operated, this Carton Stacker Saves $ $ ..... July 135
Automatic Sweater Setting ..... Aug. 152
Mill Increased Guide Bar Pin Life, Reduced Waste ..... Aug. 159
Mill-Conceived Machine Packages Hosiery for Supermarket Shoppers ..... Aug. 160
Why a Good Quality Control Program Is a Knitting Room "Must," by Oliver Beckwith ..... Sept. 213
Fountain Pen as Oiler ..... Oct. 155
Fleece Pad Blots Oil ..... Oct. 155
Sandpaper Support ..... Oct. 160
Three-in-One Screwdriver ..... Oct. 160
Eyelets Make Door Pulls ..... Oct. 160
Soap Knitting Belts ..... Oct. 160
Avoid Yarn Breakage When Knitting a Slack Course ..... Oct. 169
One Way to Move Machinery ..... Dec. 141
Needed—Thumb Screws ..... Dec. 143
How Color-Knit Dyes Orlon Match Mates ..... Dec. 149

New Equipment

Speed Up Those Old Warp Knitters with New Needle ..... Mar. 178
Edge Uncurler for Warp-Knit Fabrics ..... Apr. 209
Multiple Beam Tricot Warper ..... July 152
Flat Knitter Features Automatic Doubling ..... July 152
168" Tricot Machine Knits 1000 CPM ..... July 159
Make Wide Strip Laces on 18-Bar Raschel Machine ..... Aug. 169
Single Head Border Machines Offer High Output ..... Sept. 238
Machine Ups Cardigan Production ..... Sept. 242
Flat Knitting Machines Have Tubular Cams ..... Sept. 242
Handknitting Machines ..... Oct. 180
Six-Thread Underwear Sewing Machine ..... Dec. 162
Warp Knitter Uses No Needles ..... Dec. 168
"Safety Stitch" Sewing Machine ..... Dec. 168